## **ABSTRACT**

A control and motor arrangement for use in a model train includes a control arrangement integrally constructed with a motor. The control arrangement receives rotational speed and positional information from the motor and uses this information to determine how much power to supply to the motor, thus controlling the rotational speed of the motor. In this way, the control arrangement maintains a constant motor speed, if desired. In addition, the speed and positional information is optionally provided to a sound control arrangement for use in selecting appropriate sound effects.